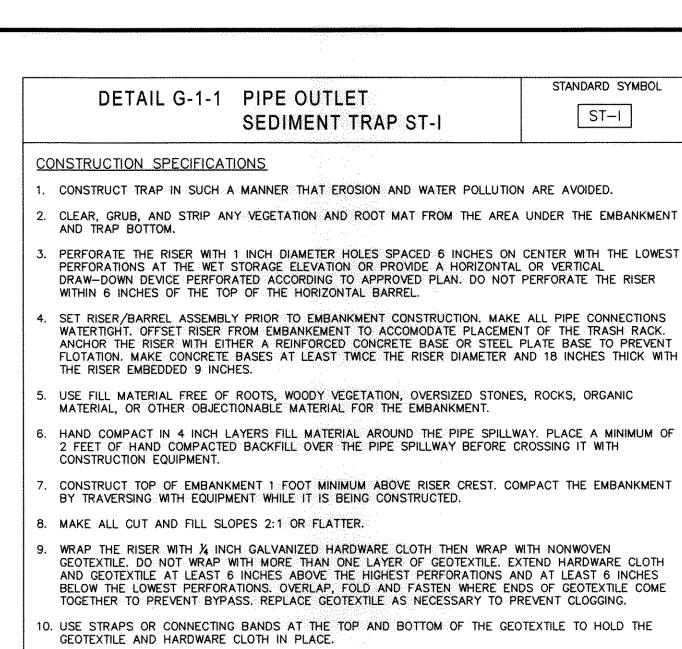


MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL

MARYLAND DEPARTMENT OF ENVIRONMENT

WATER MANAGEMENT ADMINISTRATION



11. USE NONWOVEN GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS.

16. UPON REMOVAL, GRADE AND STABILIZE THE AREA OCCUPIED BY TRAP.

DETAIL C-1 EARTH DIKE

SEED WITH SOIL STABILIZATION MATTING OR LINE WITH SOD.

A MINIMUM OF 7 INCHES AND FLUSH WITH GROUND.

MATERIAL SO AS NOT TO INTERFERE WITH PROPER FUNCTION OF EARTHDIKE.

DUE TO FIELD CONDITIONS AS NECESSARY TO MAINTAIN POSITIVE DRAINAGE.

PROJECTIONS OR OTHER IRREGULARITIES ARE NOT ALLOWED.

5. PROVIDE OUTLET PROTECTION AS REQUIRED ON APPROVED PLAN.

WATER DIVERSION WITHIN 24 HOURS OF INSTALLATION.

SECTION B-4 VEGETATIVE STABILIZATION.

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APPROVED PLAN.

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2:1 SLOPE OR FLATTER-

CONTINUOUS GRADE 0.5% MIN. TO 10% MAX. SLOPE

<u>PLAN VIEW</u>

FLOW CHANNEL STABILIZATION

CONSTRUCTION SPECIFICATIONS

DIVERSION.)

EXISTING

GROUND

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CONCENTRATED INFLOW AS SHOWN ON APPROVED PLAN.

THAT EROSION AT OR BELOW THE OUTLET DOES NOT OCCUR.

12. STABILIZE THE EMBANKMENT AND INTERIOR SLOPES WITH SEED AND MULCH. STABILIZE POINTS OF

13. CONSTRUCT AND MAINTAIN THE OUTLET ACCORDING TO THE APPROVED PLAN AND IN SUCH A MANNER

14. REMOVE SEDIMENT AND RESTORE TRAP TO ORIGINAL DIMENSIONS WHEN SEDIMENT HAS ACCUMULATED TO CLEANOUT ELEVATION (50% OF WET STORAGE DEPTH). DEPOSIT REMOVED SEDIMENT IN AN

APPROVED AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE. KEEP POINTS OF INFLOW AND

DEBRIS. MAINTAIN EMBANKMENTS TO CONTINUOUSLY MEET REQUIREMENTS FOR ADEQUATE VEGETATIVE

ESTABLISHMENT IN ACCORDANCE WITH SECTION B-4 VEGETATIVE STABILIZATION. REMOVE ANY TREES,

GEOTEXTILE AROUND PERFORATED RISER IF DRY STORAGE VOLUME DOES NOT DRAW DOWN WITHIN 10

BRUSH, OR OTHER WOODY VEGETATION GROWING ON EMBANKMENT OR NEAR PRINCIPAL SPILLWAY.

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL

-2:1 SLOPE OR FLATTER

c - FLOW WIDTH 4 FT MIN.

d - FLOW DEPTH 12 IN MIN.

18 IN MIN.

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a – DIKE HEIGHT

MAINTAIN LINE, GRADE, AND CROSS SECTION, MAINTAIN WATER TIGHT CONNECTIONS, REPLACE

15. WHEN DEWATERING TRAP, PASS REMOVED WATER THROUGH AN APPROVED SEDIMENT CONTROL

OUTFLOW AS WELL AS INTERIOR OF THE TRAP FREE FROM EROSION, AND REMOVE ACCUMULATED

DRAINAGE AREA - INTIAL	3.30	ACRES
DRAINAGE AREA - INTERIM	3.30	ACRES
DRAINAGE AREA - FINAL	3.30	ACRES
TOTAL STORAGE REQUIRED	11,880	CF
TOTAL STORAGE PROVIDED	12,854	CF
WET STORAGE REQUIRED	5,940	CF
WET STORAGE PROVIDED	5,958	CF
DRY STORAGE REQUIRED	5,940	CF
DRY STORAGE PROVIDED	6,896	CF
TRAP BOTTOM ELEVATION	48.50	FT
TRAP BOTTOM DIMENSIONS	SEE PLAN	FT x FT
RISER CREST (DRY STORAGE) ELEVATION	51.00	FT
OUTLET (WET STORAGE) ELEVATION	49.75	FT
CLEANOUT ELEVATION	49.13	FT
TOP OF EMBANKMENT ELEVATION	52.50	FT
SIDE SLOPE	2:1	H: V RATIO
EMBANKMENT TOP WIDTH	4	FT
PRINCIPAL SPILLWAY MATERIAL (BARREL, RISER, ANTI-SEEP COLLAR)	CMP BARREL RISER CMP RISER STEEL PLATE ANTI-SEEP COLLAR	
RISER DIAMETER	15	IN
BARREL DIAMETER	15	IN
TRASH RACK DIAMETER	21	IN
TRASH RACK HEIGHT	15	IN
ANTI-SEEP COLLAR DIMENSIONS	6 X 6	FT
OUTLET PROTECTION - LENGTH	10	FT
OUTLET PROTECTION - WIDTH	12	FT
OUTLET PROTECTION - DEPTH	19	IN

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL

SEDIMENT TRAP ST-I

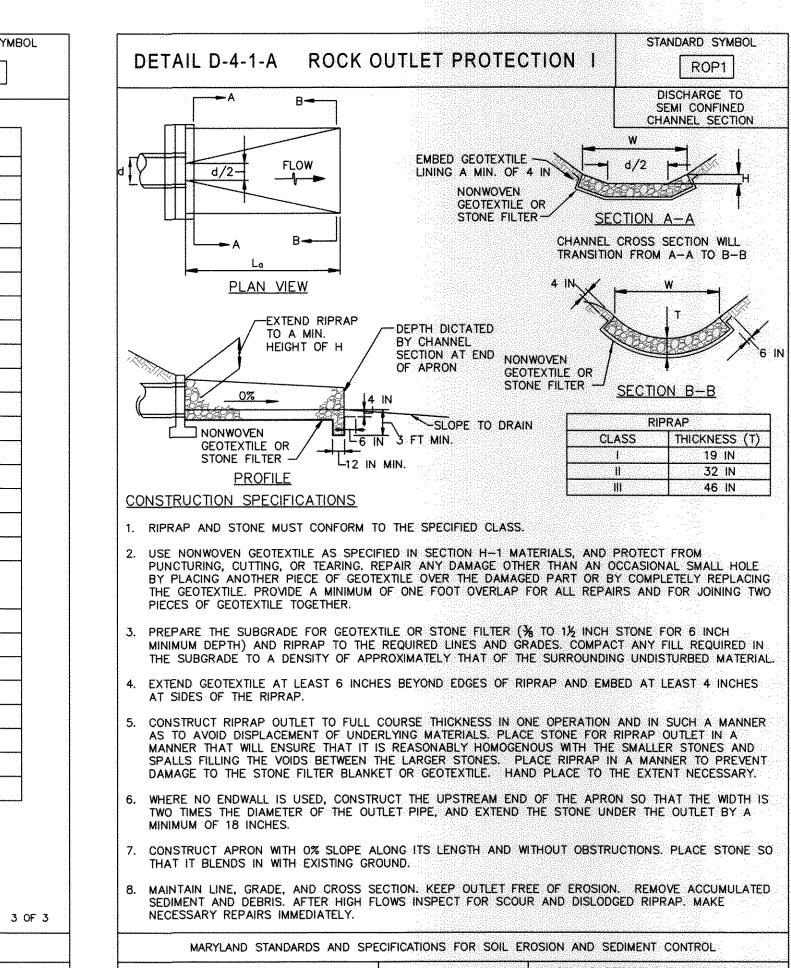
DETAIL G-1-1 PIPE OUTLET

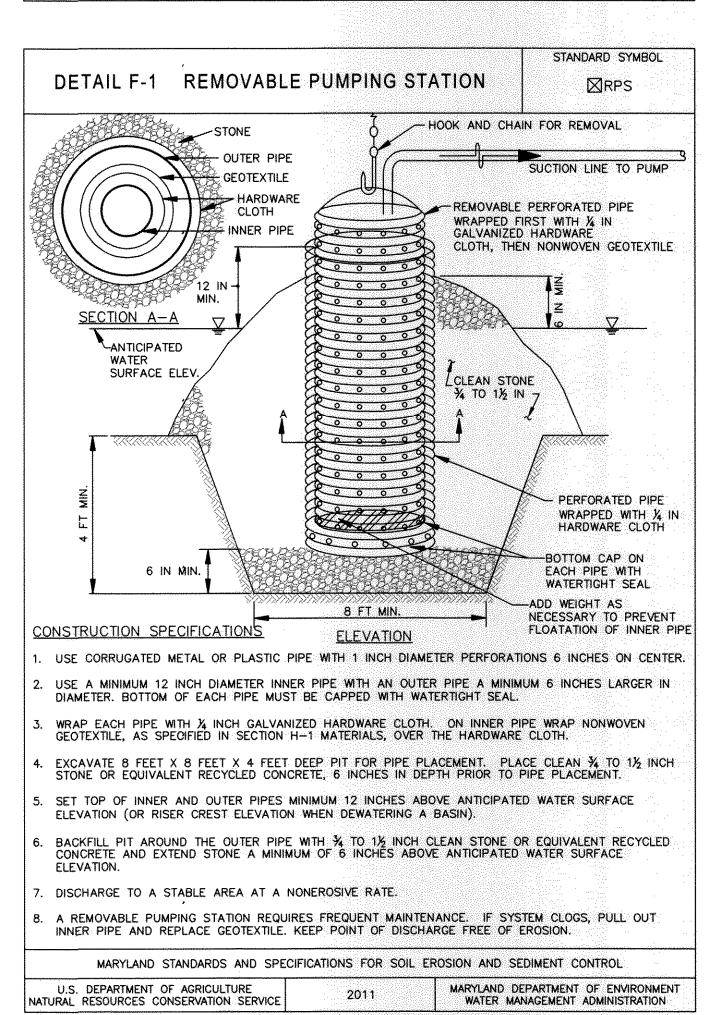
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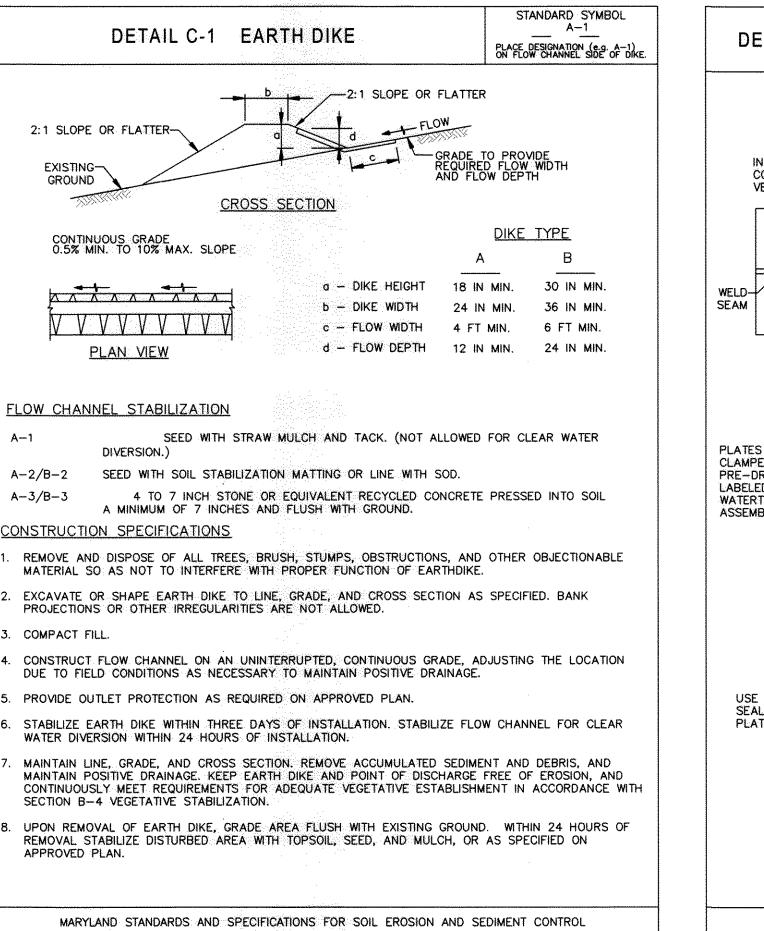
STANDARD SYMBOL

ST-I

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DETAIL G-2-1 TYPICAL	ANTI-SEEP COL	STANDARD SYMBOL	
INSTALL COLLAR WITH CORRUGATIONS VERTICAL P=2 FT MIN. P=2 FT MIN. WELD SEAM CORRUGATED COLLAR CORRUGATED COLLAR	2 FT MIN. TO JOINT	2 FT MIN. TO JOINT THE LAST TWO CORRUGATIONS, MINIMUM, ON EACH END MUST BE ANNULAR OR FLANGE CONTINUOUS WELD OF COLLAR TO BARREL THE FULL CIRCUMFERENCE OF THE COLLAR ON BOTH SIDES	
PLATES TO BE PRECUT, CLAMPED TOGETHER, PRE-DRILLED, AND LABELED TO FACILITATE WATERTIGHT FIELD ASSEMBLY	CONTINUOUS TO BARREL	WELD OF COLLAR THE FULL CIRCUMFERENCE LAR ON BOTH SIDES	
USE BUTYL SEALANT BETWEEN PLATE AND FLANGE COLLA	AR FOR FLANGE JOIN	P=2 FT MIN. P P P P P P P P P P P P P	
MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL			
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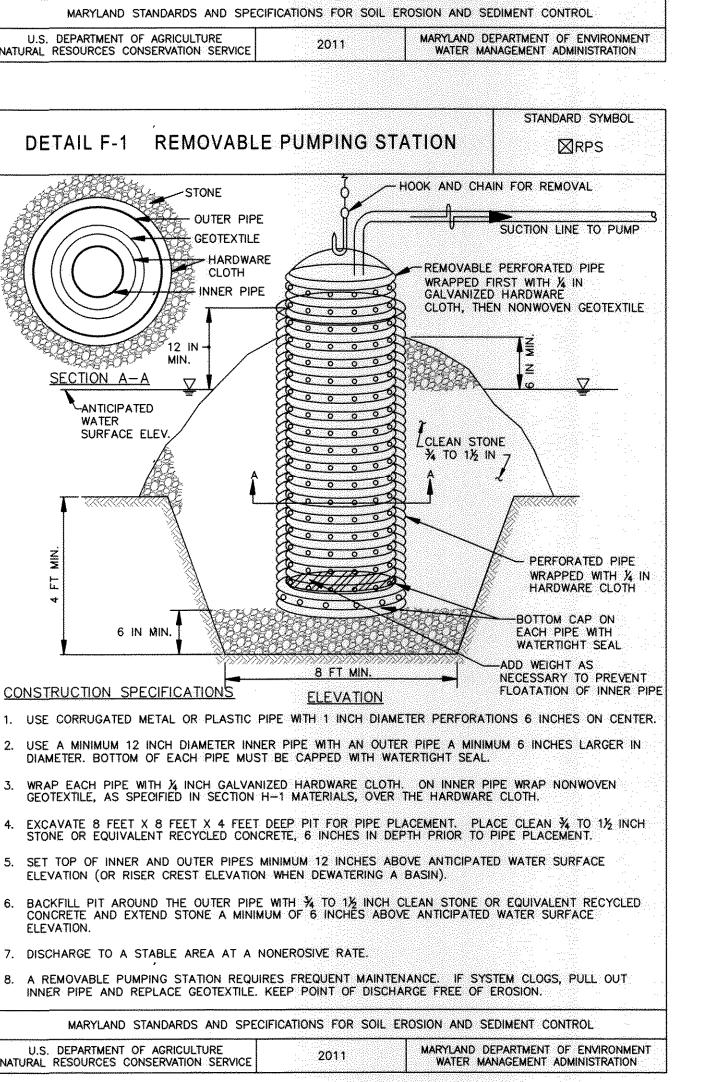




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MARYLAND DEPARTMENT OF ENVIRONMENT

WATER MANAGEMENT ADMINISTRATION



THESE PLANS ARE BASED UPON PLANS TITLED 'ARIS ALLEN BOULEVARD, LLC MIXED RESIDENTIAL' CREATED BY BOWMAN CONSULTING, PORTIONS OF WHICH ARE USED HEREIN.

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NATURAL RESOURCES CONSERVATION SERVICE

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